



AFRICAN DEVELOPMENT BANK GROUP



ECOWAS Regional Electricity Regulatory Authority **(ERERA)**

SPECIFIC PROCUREMENT NOTICE REQUEST FOR EXPRESSION OF INTEREST (REOI) (CONSULTANCY SERVICE: INDIVIDUAL CONSULTANT)

RECRUITMENT OF AN INDIVIDUAL CONSULTANT FOR THE DEVELOPMENT OF ENERGY INFORMATION AND DATABASE MANAGEMENT SYSTEMS (EIDBMS)

COUNTRY : Ghana
NAME OF PROJECT: Regional harmonization of regulatory frameworks and tools for improved electricity regulation in ECOWAS
PROJECT ID : P-GH--A00-012
GRANT No. : 2100155041676

CONTRACT NAME: Recruitment of Consultant for the Development of Energy Information and Database Management Systems (EIDBMS)"

IFB NO. : ERA/AFDB/RHRFTIERE/ICS/03/24

1.1 The ECOWAS Regional Electricity Regulatory Authority (ERERA) has received funding from the African Development Fund in the form of a “Grant” toward the cost of undertaking studies and developing appropriate tools and instruments to facilitate the harmonization of regional regulatory frameworks in the ECOWAS region.

1.2 The ECOWAS Regional Electricity Regulatory Authority (ERERA) has received financing from the African Development Bank toward the cost of the "**Development of Energy Information and Database Management Systems (EIDBMS)**" (“The project”) and intends to apply part of the proceeds to recruit consulting services.

2.0 Background:

ERERA intends to undertake studies and develop appropriate tools and instruments to facilitate the harmonization of regional regulatory frameworks. The Regional Harmonization of Regulatory Frameworks and Tools for Improved Electricity Regulation in ECOWAS (the “Project”) is a regional initiative designed to enhance the sustainability of the electricity sector of the region through effective, uniform, transparent and enforceable regulatory frameworks that set out clear principles, rules, processes and standards for the ECOWAS region. The project comprises the following components:

- a. Component 1. Elaboration of Regulatory and Utility Key Performance Indicators (KPIs) for ECOWAS

- b. Component 2. Harmonized Comparison of Electricity Tariffs (HCET) in ECOWAS and Cost Reflectivity Assessment
- c. Component 3. Development of an Energy Information and Database Management System (EIDBMS)
- d. Component 4. Assessment of Investment bottlenecks and risks in ECOWAS member countries

3.0 Objective of the Project:

3.1 The principal objective of this project is to facilitate the efficient utilization of regional energy infrastructure to further enhance regional electricity trade. Through these activities and the resulting tools, ERERA will assist national regulatory bodies in acquiring adequate knowledge that would enable them to carry out the necessary regulatory work in developing the regional market at the national level.

3.2 The Project will contribute to:

- i) Harmonized regulatory frameworks in ECOWAS;
 - ii) Enhanced utility performance monitoring framework;
 - iii) Enhanced migration towards cost reflectivity of tariffs and harmonized tariff frameworks; and
 - iv) Improved and secured energy data collection, storage and dissemination.
- The project will ultimately enhance electricity trade among ECOWAS countries.

4.0 The Assignment:

4.1 Component 3 of the project seeks to bridge the current information/data gap by developing a robust and manageable information management system and data architecture for storage, processing, retrieval, and dissemination purposes.

4.2 A centralized information and database management system will be hosted at ERERA Secretariat with authenticated access to its Member Regulators to directly feed into and retrieve information according to pre-defined templates and privileges. The project component will also build capacity of regulators, participating utilities, and other relevant stakeholders in the ECOWAS region to upload, manage, update and retrieve information on the EIDBMS. The EIDBMS will have functionality for seamless integration with relevant third-party sites based on agreed Application Programming Interface (APIs), portals and systems.

4.3 Data collected from the other components of this project (i.e., KPIs and tariff study) will serve as important sources of data for the database and consolidate relevant sector information that will be used by the other components. In this regard, the Ecowas Regional Electricity Regulatory Authority (ERERA) is requesting the services of an individual consultant with deep understanding and experience in the area of database, web, and mobile application development to express their interest to supervise the design, development and deployment of a Database Management Systems for the regulatory authority.

4.4 The objective of the assignment is to provide expert advice and guidance to the beneficiaries in respect of the system to:

- Design specifications for the EIDBMS,
- Supervise the development, deployment and
- Undertake User Acceptance Testing (UAT).

4.5 The scope of the assignment is:

- i) Providing expert advice and guidance in respect of the system design and specifications for developing and deploying a centralized energy information and database management system (EIDBMS) that will serve as a platform to collect, store and disseminate regulatory and other allied information from the ECOWAS member countries.
- ii) Supporting the procurement processes and procedures of the EIDBMS, including the preparation of the bidding document.
- iii) Supervising the development and deployment of the EIDBMS; and
- iv) Undertaking EIDBMS User Acceptance Testing (UAT).

The ERERA now invites eligible individual consultants to indicate their interest in providing these services for the “recruitment of a consultant for the Development of Energy Information and Database Management Systems (EIDBMS)

Interested individual consultants must provide information indicating that they are qualified to perform the services (description of similar assignments, experience in similar conditions, availability, etc.).

Eligibility criteria, establishment of the short-list and the selection procedure shall be in accordance with the African Development Bank’s “Rules and Procedures for the use of Consultants” October 2015, which is available on the Bank’s website at www.afdb.org.

Interested individual consultants may obtain further information at the address below during office hours from 9.00am to 5.00pm Monday through Friday (excluding public holidays) at the address below from **29th of May 2024**.

Expressions of interest must be delivered to the address below by **12th June 2024** on/or before 17:00 hours and marked: **“Regional harmonization of regulatory frameworks and tools for improved electricity regulation in ECOWAS” - Consultancy Services for the recruitment of an Individual Consultant to Develop Energy Information and Database Management System -(EIDBMS) - ERA/AFDB/RHRFTIERE/ICS/03/24**

Attn: ERERA
PMB 76 Ministries Post Office Accra, Ghana

Physical Location
ECOWAS Regional Electricity Regulatory
Authority (ERERA) Secretariat Annex Office (Conference Room)
Elizabeth Building, 3rd Floor.
39 Senchi LK.
Airport Residential Area
Accra - Accra.

Tel: +233 (0) 302 817 047-049
Email: info@erera.arrec.org
Digital Address: GA-152-6789.